

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3123	398/92,79,81,84,85,87,92,95,97.cds.	US-PGPUB; USPAT	NEAR	ON	2010/12/04 22:49
L2	5	398/92,79,81,84,85,87,92,95,97.cds. and edfa with population inversion	US-PGPUB; USPAT	NEAR	ON	2010/12/04 22:50
L6	9	(pump\$4 light and (dispersion compensation or dispersion wavelength or dcm) and (edfa)). cdm.	US-PGPUB; USPAT	NEAR	ON	2010/12/04 23:03
L7	19	(pump\$4 and (dispersion compensation or dispersion wavelength or dcm) and (edfa)). cdm.	US-PGPUB; USPAT	NEAR	ON	2010/12/04 23:05
L9	6	((edfa and population inversion)). cdm.	US-PGPUB; USPAT	NEAR	ON	2010/12/04 23:05
L11	467	(Masuda-Hiroj\$ Sato-Kenj\$ Miyamoto-Yutaka \$).in.	US-PGPUB; USPAT	OR	ON	2010/12/04 23:06
L13	4	(pump\$4 and (dispersion compensation or dispersion wavelength or dcm) and (edfa)) and I1	US-PGPUB; USPAT	NEAR	ON	2010/12/04 23:07
L14	4	((forward and backward) pump\$4 and (dispersion compensation or dispersion wavelength or dcm) and (edfa)) and I1	US-PGPUB; USPAT	NEAR	ON	2010/12/04 23:28
L15	5	((forward and backward) pump\$4 and (dispersion compensation or dispersion wavelength or dcm) and (edfa)) and I1	US-PGPUB; USPAT	NEAR	ON	2010/12/04 23:28
L16	15	(forward and back\$ward) pump\$4 and I1	US-PGPUB; USPAT	NEAR	ON	2010/12/04 23:30
L17	3	(Masuda-Hiroj\$ Sato-Kenj\$ Miyamoto-Yutaka \$).in. and pump and dcf and edfa	US-PGPUB; USPAT	OR	ON	2010/12/04 23:31
S1	32	chang\$4 wavelength with traffic\$2	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:14
S3	20	wavelength with traffic\$2 condition\$3	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:26
S7	1	wavelength with (traffic\$2) with (day and night)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:32
S8	160	wavelength with (day and night)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:32
S9	133	wavelength with (day with night)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:32
S13	113496	wavelength with (chang\$4 or dynamic\$4 or vari\$6)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:34
S14	33702	wavelength (chang\$4 or dynamic\$4 or vari\$6)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:34
S15	93	wavelength (chang\$4 or dynamic\$4 or vari\$6 or condition\$2) with (day or night or traffic)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:35
S16	11	wavelength (chang\$4 or dynamic\$4 or vari\$6 or condition\$2) near (day or night or traffic)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:35
S17	26	masuda and forward pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 19:27

S18	2	masuda and forward pump with nm	US-PGPUB; USPAT	NEAR	ON	2010/08/03 19:28
S19	25	masuda and forward pump and nm	US-PGPUB; USPAT	NEAR	ON	2010/08/03 19:29
S20	10	\$band signal and forward pump and nm	US-PGPUB; USPAT	NEAR	ON	2010/08/03 19:39
S22	16	\$band with forward pump and nm	US-PGPUB; USPAT	NEAR	ON	2010/08/03 19:39
S28	16	\$band with forward pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 19:58
S29	11	control\$4 forward pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:11
S30	233	control\$4 with forward pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:16
S31	35	control\$4 with (forward and backward) pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:17
S32	256	control\$4 with (forward\$3) pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:24
S33	12	control\$4 (forward\$3) pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:24
S34	64	control\$4 near2 (forward\$3) pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:24
S35	5	control\$4 near2 (forward\$3) pump with wavelength\$2	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:26
S36	5	control\$4 near2 (forward\$3) pump with (wavelength\$2 or channel\$2)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:26
S37	38	control\$4 with (forward\$3) pump with (wavelength\$2 or channel\$2)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:27
S38	22	control\$4 with (forward\$3) pump with (wavelength\$2)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:27
S48	9833	wavelength control\$4	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:50
S53	77	forward\$4 pump\$4 wavelength control\$4	US-PGPUB; USPAT	WITH	ON	2010/08/04 09:55
S56	47	forward\$4 pump\$4 with wavelength with control\$4	US-PGPUB; USPAT	NEAR	ON	2010/08/04 09:57
S57	17	forward\$4 pump\$4 with wavelength with control\$4 and @ad<="20040623"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 09:58
S58	398	pump\$4 wavelength with control\$4 and @ad<="20040623"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 09:59
S59	90	pump\$4 wavelength control\$4 and @ad<="20040623"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 09:59
S60	30	pump\$4 wavelength control\$4 and @ad<="20040623" and forward	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:00
S61	18	pump\$4 wavelength control\$4 and @ad<="20040623" and forward with pump	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:00
S62	21	pump\$4 wavelength control\$4 and @ad<="20040623" and forward with pump\$3	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:01
S63	21	pump\$4 wavelength control\$4 and @ad<="20040623" and forward with \$4pump \$3	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:01
S64	21	pump\$4 wavelength control\$4 and @ad<="20040623" and forward with \$6pump \$3	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:01

S65	21	pump\$4 wavelength control\$4 and @ad<="20040623" and forward with \$8pump \$3	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:01
S66	6	("20020054733" "6292288").PN. OR ("6674568").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/04 10:14
S67	18	("5136600" "5313480").PN. OR ("5684590"). URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/04 10:18
S69	141	variable wavelength near2 pump\$4 and @ad<="20040623"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:20
S71	114	variable wavelength near pump\$4 and @ad<="20040623"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:21
S73	4	variable wavelength near pump\$4 and @ad<="20040623" and forward pump\$3	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:21
S74	15	var\$7 wavelength near pump\$4 and @ad<="20040623" and forward pump\$3	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:23
S75	58	forward pump\$4 and "1440"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:43
S76	2	forward pump\$4 with "1440"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:43
S80	49	forward pump and wavelength with "120"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 11:01
S81	8	forward pump and wavelength with "120 nm"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 11:02
S102	2013	zero dispersion near2 wavelength\$2	US-PGPUB; USPAT	NEAR	ON	2010/08/04 17:41
S103	1898	zero dispersion wavelength\$2	US-PGPUB; USPAT	NEAR	ON	2010/08/04 17:41
S104	204	zero dispersion wavelength\$2 nm	US-PGPUB; USPAT	NEAR	ON	2010/08/04 17:41
S105	1044	zero dispersion wavelength\$2 with nm	US-PGPUB; USPAT	NEAR	ON	2010/08/04 17:42
S106	62	zero dispersion wavelength\$2 with silica with nm	US-PGPUB; USPAT	NEAR	ON	2010/08/04 17:42
S107	20	zero dispersion wavelength\$2 with silica fib\$5 with nm	US-PGPUB; USPAT	NEAR	ON	2010/08/04 17:42
S112	192	non-zero dispersion-shifted fiber	US-PGPUB; USPAT	NEAR	ON	2010/08/04 18:14
S113	186	non-zero dispersion-shifted fiber	US-PGPUB; USPAT	ADJ	ON	2010/08/04 18:14
S115	20	non-zero dispersion-shifted fiber and forward pump\$4	US-PGPUB; USPAT	ADJ	ON	2010/08/04 18:14
S130	14	(non\$zero dispersion shift\$4 fiber or nzdf) and forward pump	US-PGPUB; USPAT	NEAR	ON	2010/08/05 14:50
S131	64	(non\$zero dispersion shift\$4 fiber or nzdf) and forward pump\$3	US-PGPUB; USPAT	NEAR	ON	2010/08/05 14:50
S132	69	(non\$zero dispersion shift\$4 fiber or nzdf) and forward pump\$3	US-PGPUB; USPAT	NEAR	ON	2010/08/05 14:54
S148	27	dynamic wavelength allocation	US-PGPUB; USPAT	NEAR	ON	2010/08/05 18:16
S149	1274	dynamic bandwidth allocation	US-PGPUB; USPAT	NEAR	ON	2010/08/05 18:18

S150	1	dynamic bandwidth allocation with (day and night)	US-PGPUB; USPAT	NEAR	ON	2010/08/05 18:18
S151	3	dynamic bandwidth allocation with (day or night)	US-PGPUB; USPAT	NEAR	ON	2010/08/05 18:18
S152	4	dynamic bandwidth allocation with (day or night or bussiness or resident)	US-PGPUB; USPAT	NEAR	ON	2010/08/05 18:18
S154	126	dynamic bandwidth allocation with (traffic)	US-PGPUB; USPAT	NEAR	ON	2010/08/05 18:20
S155	30	dynamic bandwidth allocation with (traffic) with time	US-PGPUB; USPAT	NEAR	ON	2010/08/05 18:20
S172	12	(EDFA near2 gain equaliz\$7n filter)	US-PGPUB; USPAT	NEAR	ON	2010/08/06 13:01
S173	17	(EDFA near2 gain equaliz\$7 filter)	US-PGPUB; USPAT	NEAR	ON	2010/08/06 13:01
S174	3	(EDFA near2 gain equaliz\$7 filter) and population inversion	US-PGPUB; USPAT	NEAR	ON	2010/08/06 13:01
S175	1310	(erbium-dop\$4 fib\$2 amplif\$4 or edfa) with filter\$4	US-PGPUB; USPAT	NEAR	ON	2010/08/06 13:16
S176	434	(erbium-dop\$4 fib\$2 amplif\$4 or edfa) with (filter\$4 and (population inversion detect\$4 or monitor\$4 or control\$4))	US-PGPUB; USPAT	NEAR	ON	2010/08/06 13:17
S181	4	tunable forward pump light	US-PGPUB; USPAT	WITH	ON	2010/08/14 18:20
S182	7	tunable pump light	US-PGPUB; USPAT	NEAR	ON	2010/08/14 18:21
S183	2	tunable pump light and forward and backward	US-PGPUB; USPAT	NEAR	ON	2010/08/14 18:22
S184	3	(tunable or dynamic\$4 or variab\$5 or adjust \$4) wavelength\$2 pump light and forward and backward	US-PGPUB; USPAT	NEAR	ON	2010/08/14 18:23
S185	109	(tunable or dynamic\$4 or variab\$5 or adjust \$4) wavelength\$2 pump light and forward and backward	US-PGPUB; USPAT	WITH	ON	2010/08/14 18:27
S189	22	(tun\$5 or dynamic\$4 or vari\$7 or adjust\$4) near2 wavelength\$2 with forward pump\$4	US-PGPUB; USPAT	NEAR	ON	2010/08/14 18:29
S190	341	(tun\$5 or dynamic\$4 or vari\$7 or adjust\$4) near2 wavelength\$2 with pump\$4 with control \$4	US-PGPUB; USPAT	NEAR	ON	2010/08/14 18:33
S194	16	pumping wavelength control\$4	US-PGPUB; USPAT	NEAR	ON	2010/08/14 18:36
S195	4	pumping wavelength control\$4 and forward	US-PGPUB; USPAT	NEAR	ON	2010/08/14 18:38
S196	26	pump\$4 near2 wavelength control\$4 and forward pump\$4	US-PGPUB; USPAT	NEAR	ON	2010/08/14 18:39
S197	22	(tun\$5 or dynamic\$4 or vari\$7 or adjust\$4) near2 wavelength\$2 with forward pump\$4	US-PGPUB; USPAT	NEAR	ON	2010/08/14 18:50
S198	43	(tun\$5 or dynamic\$4 or vari\$7 or adjust\$4) near2 forward pump\$4	US-PGPUB; USPAT	NEAR	ON	2010/08/14 19:03
S199	420	(tun\$5 or dynamic\$4 or vari\$7 or adjust\$4) pump\$4 wavelength	US-PGPUB; USPAT	NEAR	ON	2010/08/14 19:04
S200	21	(tun\$5 or dynamic\$4 or vari\$7 or adjust\$4) pump\$4 wavelength and forward pump\$4	US-PGPUB; USPAT	NEAR	ON	2010/08/14 19:05
S201	2	"1440" forward pump\$4	US-PGPUB; USPAT	WITH	ON	2010/08/14 19:12

S202	5	fbg forward pump\$4	US-PGPUB; USPAT	WITH	ON	2010/08/14 19:16
S203	143	(tun\$5 or dynamic\$4 or vari\$7 or adjust\$4) pump\$4 wavelength	US-PGPUB; USPAT	ADJ	ON	2010/08/14 19:20
S204	46	(tun\$5 or dynamic\$4 or vari\$7 or adjust\$4) pump\$4 wavelength and forward	US-PGPUB; USPAT	ADJ	ON	2010/08/14 19:20
S207	22	(tun\$5 or dynamic\$4 or vari\$7 or adjust\$4 or chang\$4 or reconfigur\$5 or program\$7) pump \$4 wavelength and forward pump\$5	US-PGPUB; USPAT	ADJ	ON	2010/08/14 19:21
S221	1	"20010017866" and wavelength	US-PGPUB; USPAT	NEAR	ON	2010/08/15 17:47
S222	22	edfa with in\$line repeater	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:31
S223	119	edfa with population inversion	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:32
S224	3	edfa with population inversion adjust\$5	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:32
S225	26	("20010044369" "20010046934" "20020038861" "20020041436" "20020071948" "20020113241" "20020163108" "20030063892" "20030064878" "20050035331" "20050064604" "20050092029" "20050284184" "20060128551" "3785834" "5271754" "6235667" "6396823" "6410467" "6465381" "6599852" "6667256" "6764746" "6914024" "6936556").PN. OR ("7170674").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/01 13:33
S226	1	S222 and S223	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:35
S227	1	edfa with in\$line repeater and population inversion	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:35
S228	71	gain equaliz\$5 near2 filter\$4 and population inversion	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:37
S229	2	gain equaliz\$5 near2 filter\$4 with population inversion	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:37
S230	4	gain equaliz\$5 near2 filter\$4 same population inversion same edfa	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:37
S231	1	gain equaliz\$5 near2 filter\$4 same population inversion adjust\$5 circuit and edfa	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:38
S232	1	gain equaliz\$5 near2 filter\$4 and population inversion adjust\$5 circuit and edfa	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:39
S233	3	edfa with population inversion adjust\$5	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:40
S234	119	edfa with population inversion	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:41

EAST Search History (Interference)

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